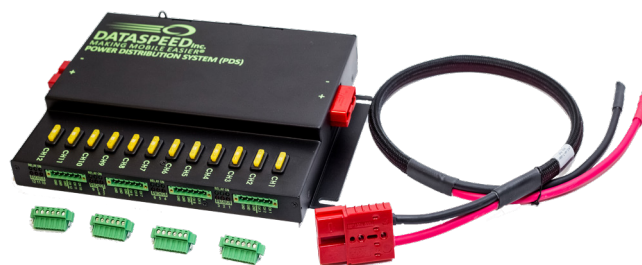
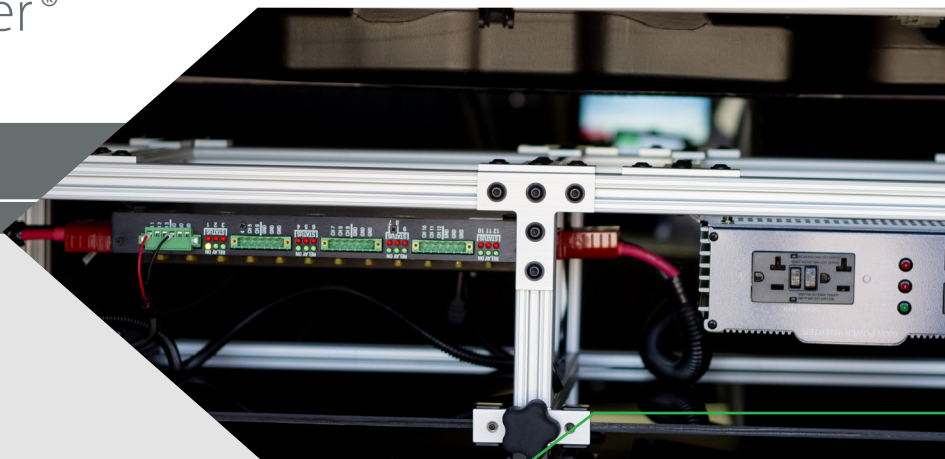


POWER DISTRIBUTION SYSTEM

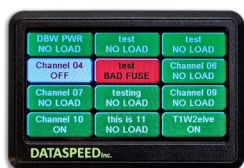


Power Up Your Devices

No More Dead Batteries!

The Dataspeed Power Distribution System (PDS) is a flexible and easy-to-use solution for powering instrumentation, computers, and sensors of a test vehicle. The onboard computer controls the power sequencing and continuously monitors each channel, reporting its electrical current and health status. Action is taken to protect the channel if a fault occurs. To supply controlled power, all that is needed is a car battery and ignition line. The system utilizes commonly used communication interfaces to support drive-by-wire autonomous vehicle research, advanced driver assistance systems experimentation, and any automotive electronics testing.

- 12 channels at 12V, 15A each
- Manual power toggle for independent channels
- Connect two units together for 24 channels ¹
- CAN, Ethernet, USB, and Bluetooth communication
- Selection of startup/shutdown mode (auto/manual/locked)
- Programmable startup and shutdown controlled by user-defined scripts
- Over-current detection and diagnostics
- Selection of Touchscreen or Switchboard Interface
- Inverter interface and control ²
- Thermostatically controlled Active Cooling



Touchscreen Interface

- Sleek touchscreen display
- Visual display of channel's amperage and status (on/off/fault)
- Conveniently mounts in the vehicle cup holder

Switchboard Interface

- Colored lights display channel's status (on/off/fault)
- Designed to fit within center console
- May also be hidden in the glove box

¹Varies with use case, contact Dataspeed ²Select Inverters



dataspeedinc.com ●

info@dataspeedinc.com ●

(248) 243-8889 ●



Partner with Dataspeed

Whether your company is just getting started in the autonomous vehicle (AV) industry or is looking to scale your vehicle fleet, Dataspeed has the solution for you. Our experienced team of engineers and business professionals can guide your organization in developing an action plan to meet your specific needs. We're skilled in full vehicle integration including by-wire implementation, sensor and computer installation, data acquisition, and vehicle communications. Our vehicle systems engineers have extensive experience creating custom hardware and software solutions. Contact us today to discuss how Dataspeed can accelerate your AV research and development.

